

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q90689

Yasushi ARAKI

Appln. No.: 10/552,513

Group Art Unit: 2812

Confirmation No.: 2406

Examiner: Not yet assigned

Filed: October 6, 2005

For: CRYSTALLINE-SI-LAYER-BEARING SUBSTRATE AND ITS PRODUCTION METHOD.  
AND CRYSTALLINE SI DEVICE

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination  
Filing Receipt Correction  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction:

**Assignment for Published Patent Application**

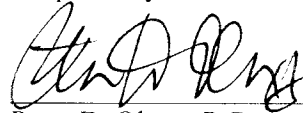
Fuji Photo Film Co., Ltd.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/JP04/04935 ~~04/06/2005~~ 04/06/2004

Verification for the requested correction is indicated on the enclosed copy of the original Assignment filed October 6, 2005 and the Publication (1<sup>st</sup> page of the International Application) which was on filed April 6, 2004.

Respectfully submitted.



Peter D. Olexy, P.C.  
Registration No. 24.513

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: June 22, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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APPL NO	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/552,513	10/06/2005	2812	900	Q90689	5	9	1

CONFIRMATION NO. 2406

23373  
 SUGHRUE MION, PLLC  
 2100 PENNSYLVANIA AVENUE, N.W.  
 SUITE 800  
 WASHINGTON, DC 20037

## FILING RECEIPT



\*OC000000018906901\*

Date Mailed: 05/26/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Yasushi Araki, Kanagawa-ken, JAPAN  
~~Assignment for published patent Application~~  
~~Fuji Photo Film Co., Ltd.~~

Power of Attorney: The patent practitioners associated with Customer Number 23373

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/04935 04/06/2005

04/06/2004

## Foreign Applications

JAPAN 2003-102481 04/07/2003

If Required, Foreign Filing License Granted: 05/22/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/552,513**

Projected Publication Date: 08/31/2006

Non-Publication Request: No

Early Publication Request: No

Title

Crystalline-si-layer-bearing substrate and its production method, and crystalline si device

## Preliminary Class

438

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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## Assignment

Whereas, I/We, Yasushi ARAKI of c/o Fuji Photo Film Co., Ltd., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa-ken, Japan

hereinafter called assignor(s), have invented certain improvements in

### **CRYSTALLINE-Si-LAYER-BEARING SUBSTRATE AND ITS PRODUCTION METHOD, AND CRYSTALLINE Si DEVICE**

and executed an application for Letters Patent of the United States of America therefor on  
September 26, 2005; and

Whereas, Fuji Photo Film Co., Ltd.  
210 Nakanuma, Minami-Ashigara-shi  
Kanagawa-ken, Japan

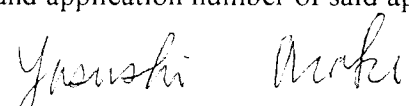
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: September 26, 2005

  
\_\_\_\_\_  
s/ Yasushi ARAKI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
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21 October 2004 (21.10.2004)

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16/56, H01L 21/20

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(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
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**Published:**

--- with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: CRYSTALLINE SILAYER-BEARING SUBSTRATE AND ITS PRODUCTION METHOD, AND CRYSTALLINE SI  
DEVICE

(57) Abstract: A method for producing a substrate having a crystalline Si layer comprising the steps of forming an amorphous Si  
layer on a plastic substrate, and irradiating the amorphous Si layer with a laser beam to crystallize the amorphous Si, wherein the



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